



PATENT
Docket: P-11209.03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Robert W. Olsen, et al) Art Unit: 3761
Serial No.: 10/743,598)
Filed: 12-22-2003)
For: EXTRACORPOREAL BLOOD CIRCUIT AIR REMOVAL SYSTEM AND
METHOD

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application.

Consideration of each of the documents listed on the attached Form 1449 is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicant further requests that a copy of the Form 1449, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

The Examiner's attention is directed to the following documents, copies of which are herein provided:

1. A Complaint styled, *CardioVention, Inc. v. Medtronic, Inc.* The case was brought against the assignee of the present invention in the United States District Court, District of Minnesota and is Civil File No. 04-cv-02669 (MJD/AJB). The assignee of the present invention is vigorously defending this lawsuit and denies any wrongdoing.

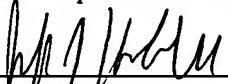
2. A Declaration of Ben F. Brian, Ph.D. filed by Cardiovention in the above identified litigation (with attachments).

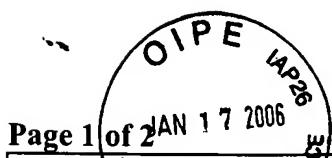
The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

No fee is believed due for the submission of this information disclosure statement since it is being provided prior to a first action on the merits. If this is in error, please charge the fee for the submission of this information disclosure statement to Deposit Account No. 13-2546.

Respectfully submitted,

Robert W. Olsen, et al
By their Representatives,

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	Applicant(s): Olsen et al		
	Filing Date: 12-22-2003		Group: 3761

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
	2005/0085762	04-21-2005	Vijay et al			
	5188604	2/23/93	Orth			
	6852280	4/21/05	Vijay et al.			
	6960322	11/1/05	Stringer et al.			
	6773670	8/10/04	Stringer et al.			
	2004-0184953	9/23/04	Litzie et al.			
	2006-0009728	1/12/06	Litzie et al.			
	2004-0223872	11-11-04	Brian et al.			
	2004-0228760	11-18-04	Stringer et al.			
	5813972	9-29-98	Nazarian et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	SubClass	Translation	
						Yes	No
	1 557 186 A1	07-27-2005	EP				

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

	Tamari, et al., "A new top-loading venous bag provides vacuum-assisted venous drainage," <i>Perfusion</i> 2002; 17:383-390.
	Mueller, et al., "Circulatory support for OPCAB procedures," <i>Perfusion</i> 2002; 17: 305-312.
	Gourlay, et al., "Does cardiopulmonary bypass still represent a good investment? The biomaterials perspective," <i>Perfusion</i> 2003; 18: 151-157.
	Bein, et al., "A New Cardiopulmonary Bypass with Reduced Foreign Surface (CorX™): Initial Clinical Experience and Implications for Anesthesia Management," <i>ASA Abstracts</i> , 2003.
	von Segesser, et al., "Miniaturization in cardiopulmonary bypass," <i>Perfusion</i> 2003; 18: 145-150.
	Abdel-Rahman, et al., "Initial Experience With a Minimized Extracorporeal Bypass System: Is There a Clinical Benefit?" <i>Ann. Thorac. Surg.</i> , 2005; 80:238-44.
	Schönberger, et al., "Systemic Blood Activation With Open and Closed Venous Reservoirs," <i>Ann. Thorac. Surg.</i> 1995; 59:1549-55.
	Mueller, et al., "A new concept of integrated cardiopulmonary bypass circuit," <i>European Journal of Cardio-thoracic Surgery</i> 21 (2002) 840-846.
	Bein, et al., "A new cardiopulmonary bypass circuit with reduced foreign surface (CorX™): initial clinical experience and implications for anaesthesia management," 2004 <i>European Academy of Anaesthesiology</i> , <i>European Journal of Anaesthesiology</i> 21: 982-984.

EXAMINER	Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)			
		Tamari, et al., "The effects of pressure and flow on hemolysis caused by Bio-Medicus centrifugal pumps and roller pumps," The Journal of Thoracic and Cardiovascular Surgery, Dec. 1993, Vol. 106, No. 6, 997-1007.	
		Stammers, "The Importance of Size: When a 'Mini' becomes a 'Maxi,'" JECT 35:2 From The Editor.	
		Solomon, et al., "Augmented Femoral Venous Return," Ann. Thorac. Surg., 1993; 55:1262-3.	
		Abdel-Rahman, et al., "Initial Experience with a New Minimized Extracorporeal Circuit (CORX™) for Coronary Artery Bypass Grafting," Abstracts: XXX Annual ESAO Congress, 3-6 September 2003, Aachen – Germany, The International Journal of Artificial Organs, Vol. 26, No. 7, 2003, p. 646.	
		Autschbach, "The Cor _x System for CABG of thoracic and abdominal aortic aneurysms," The Journal of Cardiovascular Surgery, Vol. 46, No. 1, Feb 2005, p. 90-91.	
		Fried, et al., "Single pump mechanically aspirated venous drainage (SPMAVD) for cardiac reoperation," Perfusion 1996; 11: 351-353.	
		McCusker, et al., "High-flow femoro-femoral bypass utilizing small cannulae and a centrifugal pump on the venous side," Perfusion 1992; 7: 295-300.	
		Mueller, et al., "Air Filtering Capacity of an Integrated Cardiopulmonary Bypass Unit," ASAIO Journal 2003, p. 365-369.	
		Lee-Sensiba, et al., "Errors in Flow and Pressure Related to the Arterial Filter Purge Line," The Journal of Extra-Corporeal Technology, Vol. 30, No. 2, June 1998, p. 77-82.	
		Litzie, et al., "Introduction & Description of CardioVention's CORx System," Swiss Perfusion, No. 9, Aug. 2001.	
		Sistino et al., Laboratory Evaluation of a low Prime Closed-Circuit Cardiopulmonary Bypass System; Presented at the AmSECT 30 th International Conference, March 13-16, 1992, Washington, D.C.	
		Reuter, et al., Abstracts, 2004 European Academy of Anaesthesiology, European Journal of Anaesthesiology 21 (Suppl. 33): 1-35.	
		Wippermann, et al., "Comparison of minimally invasive closed circuit extracorporeal circulation with conventional cardiopulmonary bypass and with off-pump technique in CABG patients: selected parameters of coagulation and inflammatory system," European Journal of Cardio-thoracic Surgery 28 (2005) 127-132.	
		User Manual, Zevex Air Bubble Detector Part Number Z-1163 (Zevex Incorporated) Rev. D. March 30, 1995 (4 pages)	
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